

HARRIERS COME IN SECOND TO BATES IN NEW ENGLANDS

**Rick, First Engineer To Score,
Finishes in Seventh
Position**

PEASLEE PLACES FIRST

**McClintock Takes Freshman
Event as Engineer Frosh
Annex Title**

Entering two of the strongest teams that the Institute has ever possessed, the Tech cross-country men literally ran wild at the New England Inter-collegiate games at Franklin Park on Monday afternoon. The Varsity finished a close second to Bates in the main race while the freshmen scored a victory in the three mile yearling run. McClintock, the frosh captain, set up a new course record of 18 minutes, 45 seconds.

The Varsity race saw four of the best college harriers in the East competing, in Peaslee of New Hampshire, Wills of Bates, Hillman of University of Maine, and Crofts of Williams. This quartet had a hot battle over the entire course. When once the Durham man took the lead he was not headed, but he could not for an instant shake the trio that persisted in trailing him.

N. H. Race Re-Enacted

In the early stages of the race, Bill Rooney matched strides with the New Hampshire flash and for two miles the Tech-New Hampshire race of four weeks ago was re-enacted as the two fought bitterly for position. The two mile mark however found the Tech leader unable to bear up under the terrible pace of the upstate lad. He had worn himself out too early in the race and as a result had to be content with third place.

In the meantime the main pack of runners was keeping very close together, no one runner looking much better than another. With the five mile mark passed only the cream of the distance men were to be reckoned with for Peaslee's long strides overpowered the mediocre runners. When the runners hove into sight of the finish it was easily seen that there was to be no fight for first place as New Hampshire's star had a lead of 100 yards over Wills of Bates. Hillman the Maine runner, was third and Crofts of Williams fourth.

It was evident by this time that victory was not to be won by a first or second place alone but by the team with five good men. That is the reason that Bates, a decided dark horse, topped the top honors. Outside of Wills, the Lewiston harriers had only a team of ordinary runners but that was sufficient to defeat the colleges having two or more stars but no support from the rest of their squad.

Frosh Swamp Opponents

From the start of the freshmen race there was no doubt as to who would take the laurels. Norm McClintock drew away from the pack before they

ENGINEERING NEWS ON SALE TOMORROW

**Displays Two Full Pages of
Aeronautical Views**

Prominent among the features in The Tech Engineering News, which comes out tomorrow, are two full pages of airplane pictures, showing thirteen types of planes, including American, British and Italian makes. A picture of the PN9 is given, as well as several American commercial types of planes.

An article of special interest to course XV men is included. It is a discussion of the "Parsons line," a name given to a certain form of chart which records graphically the working conditions of a plant during any definite period, with this chart conditions at various periods may be compared.

Also contained in this issue is a discussion of the attempt made by Professor Miethe, a German, to change lead into gold, and his self-announced success. An unsuccessful attempt along this line has recently been made by American physicists at New York University. This attempt is also discussed in this month's issue.

Dies at Hospital Of Infected Gland

Word has been received of the death of G. L. Patten '29 who entered the Institute this fall as a first year student in Course V. Patten expired at the City Hospital last Saturday night, cause of his death being an infected gland. He entered M. I. T. on graduation from the Dorchester High School with high recommendations.

FRESHMEN TO HEAR FIRST AID LECTURE

**Treatment Necessary in Field
And Laboratory Explained
By Dr. Croke**

Tomorrow's freshman lecture will be on the subject of "First Aid" and will be given at 4 o'clock in room 10-250 by Dr. L. W. Croke of the Medical Department.

"I don't expect to make surgeons out of any of the freshmen but I will try to show them the ordinary practice of First Aid which as engineering students in the field and laboratory, they should know," said Dr. Croke when questioned as to the lecture.

Will Demonstrate Bandaging

This lecture will be the second of a series of three lectures given to first year men by the Medical Department and will include demonstrations of bandaging and artificial respiration. The section on bandaging will show how to improvise bandages as well as showing the types of bandages best suited for the various parts of the body. The treatment of electric shock, suffocation by gas and the common emergencies which are most likely to arise in the laboratory will be discussed.

Next week concludes the series of Medical lectures when Professor J. M. Bunker of the Biology Department will speak on "Personal Hygiene and Public Health." Attendance at these lectures is not compulsory but all freshmen are expected to be present since the term schedule was purposely arranged so as to leave this hour free for such lectures.

ORGANIC DIVISION TO SHOW MOVIES FRIDAY

On Friday at 4 o'clock in room 10-250, the Organic Division of the Department of Chemistry will show a film describing the manufacture of dynamite in detail. This is one of the weekly films shown by the department giving applications of the material discussed in the lectures in Organic Chemistry. The film was furnished by the DuPont Company, and consists of six full reels.

RECORD AMOUNT OF \$1713 GIVEN TO T. C. A. IN FIRST DAY OF DRIVE FOR FUNDS

Let's Boost Him to His Goal



FROSH ELECTIONS ARE HELD TODAY

**Will Take Place Between 8:30
And 5:30 in The
Main Lobby**

Election of officers of the freshman class will take place today between the hours of 8:30 to 5:30 in booths erected for the purpose in the Main Lobby.

For the benefit of those not acquainted with the preferential system of voting the method is as follows. A voter need not confine his vote to one name but is requested to vote for all candidates appearing on the ballot indicating the order of his choice. Thus beside the name of his first choice he will place a number one; beside the name of his second choice a number two; and so on through the list of candidates.

Requires Large Percentage Voting
The success of the preferential system requires that a large percentage

of the members of the class register their choice and freshmen are accordingly requested to co-operate in this respect. They are also asked to be sure to indicate their choice since under this system, if no candidate receives a majority by first choice, the election will be won by the candidate receiving the highest preference of the majority.

SMOKER OF MUSICAL CLUBS TOMORROW

**Affair Will be Held in North
Hall, Walker, 8 O'clock
Tomorrow Night**

Tomorrow night at 8 o'clock in North Hall, Walker, the Musical Clubs will hold their annual smoker. Each year the clubs hold this affair for the purpose of making the new members of the club acquainted and also to secure new players.

A program of entertainment, including specialty acts and musical numbers has been arranged by the committee in charge of the affair. No definite members have been announced, but the men attending will probably hear some of the specialty acts that are to be put on this year at the concerts.

Refreshments in the form of cider and doughnuts will be served as well as cigarettes and cigars. All new men interested in the clubs are invited to attend. There is a need of more specialty acts, and any man who would like to try an act should see the managers that night. The members of the club are also invited to attend and the management hopes for a large attendance.

The next concert will be a broadcast from W. B. Z. on November 24th, and the details of this concert will be given out at the smoker. The third Roxbury. These are the only concerts one is on November 30th at the Edison Club on Massachusetts avenue, yet arranged before the Christmas Concert which is at Whitney Hall on December 18.

SECTION LEADERS AID T. C. A. DRIVE

Freshman section leaders are acting as free lances during the T. C. A. drive this week. Their meeting, held last Monday night in 2-245, was for the purpose of outlining the plans of operation and for distributing pledge blanks and buttons.

FRATERNITIES AND DORMITORIES GIVE ONE-HALF AMOUNT

**Subscriptions are Solicited by
124 Undergraduates in
Campaign**

SOPHOMORE CLASS LEADS

**Sanitary Engineering is First
Among Courses With a
Rating of 54%**

After 24 hours of solicitation the T. C. A. drive workers have received a record amount of donations. The final figures last night show \$1,013 in cash and \$735.50 in pledges, which is more than has been subscribed in any similar drive previously.

Subscriptions in the Dormitories and Fraternities amount to almost one-half of the quota, for \$1236 of the \$2500 which is the goal of the drive was collected on Monday night. Yesterday morning the charts which had been placed in the main lobby proclaimed the fact that two of the Dormitories, Crafts and Nichols, as well as twenty of the Fraternities had come through with 100% subscriptions.

Sophomore Class Leads

The Sophomore class leads by a good margin in the class' contributions, the proportion of subscribers being 39%. Next in order is the class of 1927 with 31%, while the Seniors and freshmen trail with percentages of 30.7 and 29.8 respectively. These figures apply to the subscriptions made up to last night.

In the course ratings Sanitary and Municipal Engineering ranks highest with the high fraction of 54%. Following come course V with 46% and course II with 41.5%.

Of the 124 men who are participating in the campaign 65 are free lances, that is those men who are soliciting outside the Dormitories and Fraternities and 15 of these are freshman section leaders working under the leadership of F. E. Walsh '26. The rest are Dormitory and Fraternity solicitors and speakers, there being five of the latter.

LECTURES ON CEMENT START NEXT MONTH

A set of six lectures under the auspices of the Portland Cement Association will be given December 1, 4, 8, 11, 15, and January 12 in room 3-270. The general subject will be "An Explanation of the Method and Designs in the Mixing of Concrete," as set forth by Professor Abrams of The Louis Institute of Chicago.

With the co-operation of L. T. C. Loring, district engineer of the organization, as demonstrator and W. C. Voss, as lecturer, the Portland Cement Association expects to give the men actively engaged in the industry an idea of modern methods of proportioning concrete mixes.

Articles in "The Design and Control of Concrete Mixes," a pamphlet published by the Association, will be explained and probably demonstrated by one of the assisting engineers. More information about the lectures, which have been given all over the country, will be given out as soon as arrangements are completed.

CALENDAR

Thursday, November 19
4:00—Freshman Lecture, "First Aid," room 10-250.
8:00—Musical Clubs smoker, North Hall, Walker.
7:30—Aeronautical Engineering Society Smoker, room 5-226.
Friday, November 20
8:00—Catholic Club Dance, Main Hall, Walker.

EDITORIAL

NEED FOR MEN IN ACTIVITIES No. 3—Activity Managerships

The following completes a survey of the athletic and activity situation at Technology:

	Freshmen		Sophomores	
	Needed	Out	Needed	Out
T. C. A.	57	4	57	10
T. E. N.	23	13	0	7
TECH	30	14	10	22
TECHNIQUE	10	8	10	9
VOO DOO	10	16	5	8
TECH SHOW	29	16	15	10
MUSICAL CLUBS	6	7	1	9
M. I. T. A. A.	—	—	11	0
FINANCE COM.	—	—	6	0

The itemized statements that have been presented are to be summarized and discussed later. In reading the above table it should be kept in mind that it applies strictly to the managerial end of the activities. For instance, the cast of Tech Show is not included in the figures for that activity.

The large personnel of the activity group should be noted as well as the demands of the system. It might be said, parenthetically, that the number of candidates out for activities this year is much larger than heretofore; that the student body is showing an increased interest in extra-curricular work.

A Record of
Continuous
News Service
for 44 Years



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In charge of this issue: Andrew Anderson, Jr. '27

FACT AND FABLE IN COLLEGE LIFE

WHAT do most people think of college life? What impression of college affairs does the man have who has neither been to college nor sent any of his children? Perhaps he has read *Wild Asses*. "Ah, yes," he says, "I've heard that before, I guess it's true all right." Yes, he heard it before. He had read *The Plastic Age*. But he may not be interested in this harlequin literature, orange and black in spirit as in adornment. In that case he thinks of college as a place where the hero leads the school in football, baseball, tennis, hockey, and countless other attainments (including scholastic); triumphs over the bully for good in the last chapter and graduates (with highest honors) acclaimed by all his schoolmates. There you have two versions of the way a university man wastes his time—misleading but far too widely believed. According to the impression newspapers give—and newspapers are the source of all truth for many—college is a large stadium with adjacent opportunities for those eccentrics who came to study.

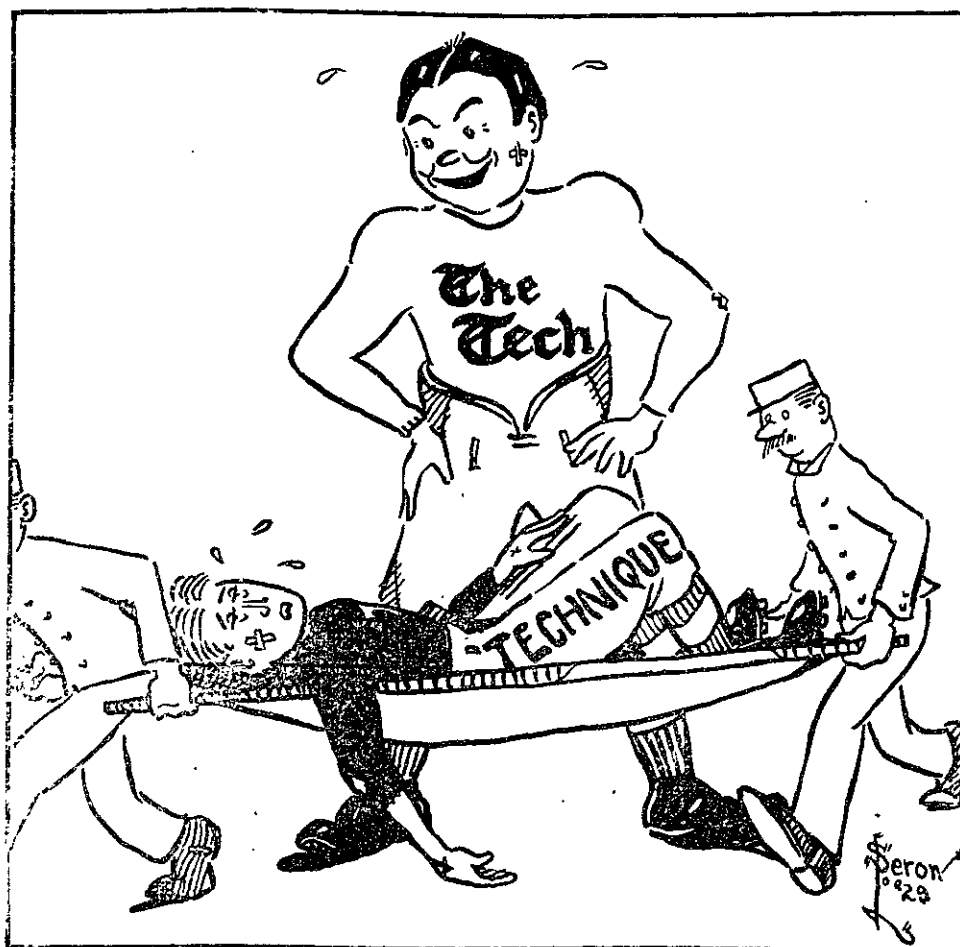
Does not this suggest a real need for a novel or play that will tell people what college life is actually like? Such a story or play will not treat college as a place where boys go to play practical jokes and win track meets. It will not be a farcical play, presenting the extravagant ludicrous experiences of an incredibly stupid freshman. The story must not be merely an awkward vehicle for the author's flickering philosophy, nor a chronicle of the emotional tribulations of some young fool. Aside from these there are not many restrictions on the writer of this book or play. The chief requisite is truth, which ought to be novel enough to amuse.

In spite of the fact that there has been much sarcastic comment and seemingly ventage of spiteful feeling loosed in advance of the annual Tech-Technique football game, it is all in a spirit of friendly rivalry and when the eventful game is over, everything but the fun had in the preparation will have been forgotten.

COLLEGE PREPARATION

AS THE courses of study improve in content and method of presentation at our colleges and universities, a similar improvement should be expected from preparatory schools by the colleges that absorb their product. Faculties, active Alumni, and official and unofficial undergraduate committees have been suggesting and demanding changes in college courses, until now there are few subjects that are not taught, few students who cannot find what they want, and few pedagogists who have not found a place to try out their new whims and theories. But of what use is a carefully worked out college course to the student who has been poorly prepared, either in the public high school or the private school that specializes in teaching how to pass the college board examinations with as little work as possible?

While the faults of the private school are a natural result of the present system of college admission, the defects of the public high school arises from its attempt to offer loosely fitted courses more suitable for the training of an office boy than for college preparation. The demands of the business world for expert typists and bookkeepers, and the demand of the trades for plumbers, carpenters and machinists is at present a more compelling command that that of educators for clear thinkers who know the secret of how to study effectively. Even though the boy preparing for college is in the minority, he has the right to demand that the general public give as much attention to his future as to that of others. It is high time that the cause for adequate college preparation be strongly brought to the attention of those responsible for high school courses.



HISTORY OF THE GREAT GAME

How THE TECH Has Humbled Snique Down Through the Centuries

On a bright, sunshiny November morning in the year 1870, the editor of THE TECH was sitting on the steps of Ye Mayne Administracione Building. He was pondering, as was his wont, on the frailties and foibles of mankind, when suddenly the sun disappeared from sight, the birds in the trees stopped singing and cast down their eyes, and all nature seemed to hang her head in shame. Upon descending from the steps and looking about for the cause of this sombre and fearful disturbance, the eminent editor perceived a figure, human in some characteristics, emerging from a hole in the ground at the rear of the building.

"Who are thou?" quoth our learned editor, "thou limb of Satan, before whom the very elements quail. Get thee hence ere my heaven-bestowed power send thee to the foul fate thou deservest!"

"Be not wroth with me, sir, I pray," begged the creature, who was now fully emerged from his den. "I am but a humble seeker after truth and wisdom, who craveth the boon of an audience with your intellectual highness. I am the editor of Technique."

"Be short; what desirest thou? I have no time to waste with such inconsequential rabble."

"Sir, recognizing the inestimable pleasure and profit that must ensue from even the most casual contact with members of THE TECH, and assured of thy eagerness to aid the progress of mankind, even the most lowly, we humbly beg the privilege of a game at football."

"Thou impertinent scoundrel," cried the illustrious editor, "even to presume to bring thy bodies into contact with men of THE TECH! But stay, we have ever considered it our duty to help the weak and ignorant, hence be thou present on Tech Field November eighteenth that we may by example instruct thy minions in the elements of the game. Begone!" and the creature slunk back into his hole and the sun and the birds came forth again.

So, on the seventh day thence there emerged one by one from the bowels of the earth, Snique, trembling in the presence of the intellectually great and mighty, prepared to receive instruction in the game of football.

Thus when Technology was young, the annual TECH-Technique football game had its beginning. The event has since been crowned with an unbroken series of decided victories for THE TECH, victory to which, unfortunately, Snique is incurably blind.

THE OPEN FORUM

To the Editor of the Tech:

While some of your colleagues on THE TECH have assured me that the cartoon accompanying the tutoring evil editorial was an allegorical figure, the uninformed student might gain the impression that the editorial referred particularly to Triple E. I have made a canvass of those instructors in the Electrical Engineering Department who might be engaged in tutoring and find that the total number of tutoring hours in Triple E during the first seven weeks of this term was 24 hours.

This indicates that out of the 391 students enrolled at present in the various branches of Triple E, less than one per cent of them tutor one hour each week. If these three or four students will read again the last paragraph of the instruction sheet issued at the first exercise they will learn that they are paying for a service which is offered free to every student enrolled in the course.

(Signed)
R. G. HUDSON '07

As We Like It

Amusingly subtle, spicy, but decent, and very cleverly acted is "The Grand Duchess and the Waiter."

Elsie Ferguson as the Grand Duchess, who suffers the terrible inconvenience of being loved by a mere hotel waiter, plays her part admirably. In order to punish her admirer for his inconsistency of choice she makes him her personal attendant, and considering all servants "sexless as the angels" as she does, he finds himself in a very aggravating position. Mr. Rathbone as the waiter, though leaving much to be desired in fulfilling the above title, carries his part well.

The frequent "confessions" of the Countess Avaloff, lady attendant to the Grand Duchess, as to the happenings of her past life add much to the plentiful supply of humor in the play.

Play Directory

BOSTON OPERA HOUSE: "The Miracle."—Morris Gest's spectacular production.
CASTLE SQUARE: "Abie's Irish Rose." In its seventh week here.
COLONIAL: "Stepping Stones."—Back again, and as popular as ever.
COPLEY: "The Creaking Chair."—The Players continue their mystery story.
HOLLIS: "The School for Scandal."—Reviewed in this issue.
MAJESTIC: "Artists and Models."—Starting this week. Well staged.
NEW PARK: "The Grand Duchess and the Waiter."—Reviewed in this issue.
PLYMOUTH: "Beware of Widows."—Clean comedy. To be reviewed Friday.
REPERTORY: "The Rivals."—Sheridan's famous comedy of manners.
SHUBERT: "The Student Prince."—Exceedingly good. Worth seeing.
TREMONT: "The Cocoanuts."—Last week in Boston. Good show.
WILBUR: "Old English."—George Arliss acts superbly.

Although at times rather suggestive, they are in no wise overdone and are distressingly funny.

Several leveling influences work to bring the play to a pleasing close. The Duchess' supply of money runs out which catastrophe is closely followed by the horrible realization that she loves this waiter who then proves to be something else. An evening well spent is the opinion of the reviewer.

C. A. B.

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Friday, November 20
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BATTLE OF MUSIC

By Yale Bulldogs of Yale, and
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Subscription: Six dollars a couple and four dollars a stag.

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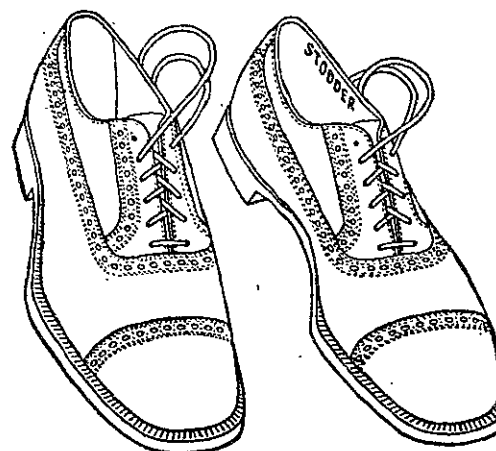
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12 1/2% discount to Tech students on all cash sales at our list prices

COES-STODDER
18 TO 14 - SCHOOL STREET

“'SNIQUE LOSES TO TECH TODAY”

According to Professor Prognosticator, 'Snique Hasn't a Chance to Win

“At 3 o'clock this afternoon the knell will toll for Technique,” said Professor Prognosticator, crystal gazer and prophet of doom when interviewed by a reporter of THE TECH last night. “I see in my crystal a group of dusky urchins being smeared and ground into the dirt of an ignominious limbo. The phenomena will occur simultaneously with a great cataclysmic rumble signifying the glee of the cosmic spirits.”

THE TECH reporter upon hearing this prophecy further persuaded the descendant of Delphi to narrate minutely on the afternoon's happenings. The following is a play by play account as told by the old philosopher.

First Quarter
THE TECH won the toss and kicked off to Technique. Faithful received the ball and perceiving the hordes of THE TECH tearing down the field, turned and ran in the opposite direction scoring a safety for THE TECH. The ball was brought out to the twenty yard line from which it was advanced to midfield by a series of line plunges in which Faithful and Steinbrenner featured. Technique then attempted a long pass which was intercepted by THE TECH quarterback. Technique called time out after three unsuccessful attempts at the line and the ball was punted to the 'Snique 30 yard line where the receiver was downed in his tracks.

Technique then unleashed its forward passing attack and rapidly approached their opponents goal line. The long passes of Steinbrenner to Cheney and Walters produced a touchdown as the period ended, Cheney carrying the ball across the line. Woods failed to kick goal. Score, THE TECH 2; Technique 6.

Second Quarter
This score roused the wrath of THE TECH Achilles and on receiving the kickoff, a baffling array of line bucks, end runs, and forwards rolled back 'Snique defense. With one yard to go Technique recovered a fumble. Technique called time out. Kicking from behind his own goal line the 'Snique fullback lifted a punt straight into the air where it was taken by a strong wind and carried in to the Charles. Play was suspended while the ball was being recovered.

The ball was put in play on THE TECH twenty yard line. A long end run by THE TECH right half was halted only when he stumbled over Davier, the latter having tripped over the 40 yard line. Technique called time out. On the next play a touchdown was made due to Technique's failure to line up in time to stop a lightning like off tackle play. Technique made its sixth replacement due to injuries after this play. The extra point was netted by a forward pass over the goal line.

Technique received the kickoff. On the first play Steinbrenner fumbled when mistakenly tackled by Faithful. Both men were seriously injured on the play and left the game. Technique called time out. Brand took the full-back position for Technique. THE TECH punted. Brand was knocked down by the punt, THE TECH recovered.

GREER CHOSEN NEW WRESTLING MENTOR

Crew Men Asked to Report for Heavyweight Division

The wrestling team was given a boom when Fred Greer '25, captain of the team for two years, offered his services as coach until somebody is secured by the athletic association. He is an expert in wrestling, so the men should learn much under his tutelage. As was hoped, a number of the crew men have reported for the Varsity. It is Mr. Rockwell's opinion that much physical benefit will be enjoyed by the members of the crews if they take up wrestling during the winter. Cope-laud of the 150-pound crew and Underwood, stroke of the Varsity, are now out for the team. The men are now required to weigh in every time they wrestle in order to check up on their weight and not be too heavy for the meets. The manager also keeps a record of the Varsity men that report so that he will know the men who are practicing regularly.

TECHNIQUE POSES FOR CAMERA



TECHNIQUE'S DUSKY URCHINS LINED UP AS THEY WILL TAKE THE FIELD THIS AFTERNOON
Back Row, Left to Right: Faithful, Hartman, Woods, Steinbrenner, Brand, Walters. Front Row: Cheney, Jope, Davier, Krummel, Spitzli.

Judging by the expression on the faces of the Technique football team, as shown above, one would gather that they have been under a terrible strain to get themselves into shape to cope with an eleven of the strength of THE TECH. If they look worried now, we shudder to think what their expression will be about 5 o'clock this afternoon.

Flynn, goalie on the Engineer soccer team had a cold job Saturday afternoon. Only on a few occasions were the Northeastern forwards able to work the ball past the Beaver defense, so Flynn had little to keep him warm. On one or two occasions, he did nice work to prevent a score. The forwards on the Institute team all seem to have some sort of a handicap, including weak ankles, and sore ligaments.

THE TECH GRIDSTERS IN SCRIMMAGE



Walk-Over

TRADE MARK REG. U.S. PAT. OFF.

"The Burly"

Young men's swagger oxford for winter wear



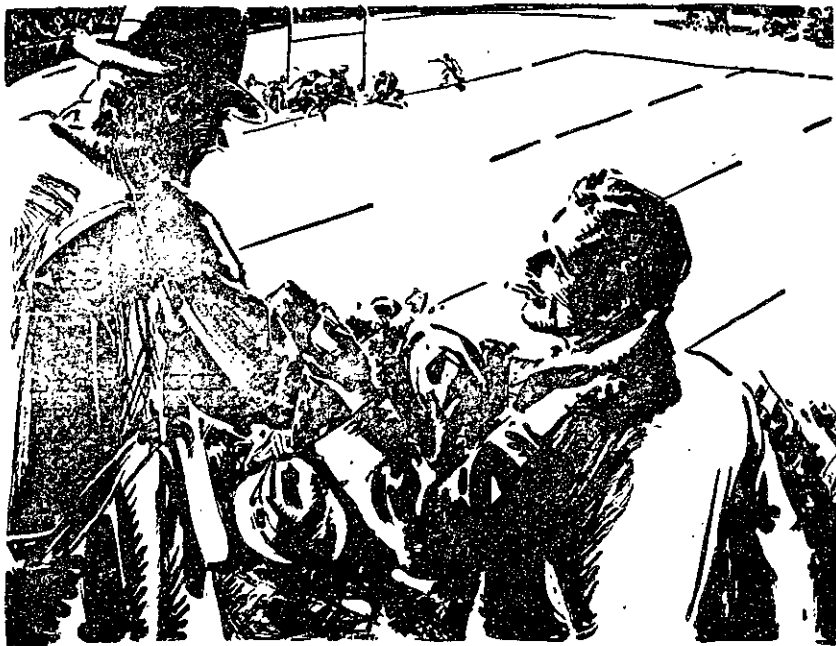
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When it's Thanksgiving—and the teams are drawn up for battle on the gridiron—when the first touchdown goes over and the grandstands rock with frenzy—have a Camel!



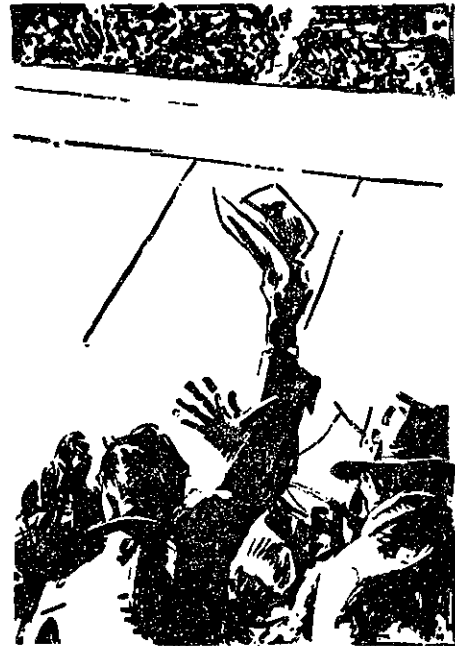
Into the making of this one cigarette goes all of the ability of the world's largest organization of expert tobacco men. Nothing is too good for Camels. The choicest Turkish and domestic tobaccos. The most skillful blenders. The most scientific package. No other cigarette made is like Camels. No finer cigarette can be made. Camels are the overwhelming choice of experienced smokers.

WHEN the rival bands are playing to make your blood tingle. And the cheers and answering songs sweep back and forth between the opposing thousands of rooters. When, following that tense hush, a swift player darts out from the flashing formations on the gridiron and races across the goal for the first touchdown—oh, man, or superman, when the taste of joy is too keen to endure—have a Camel!

For Camel is the boon companion of your joys. Room as far as you will from the prosaic things of every day, Camel will be the truest smoke friend you ever had. Not a tired taste, not a cigarette after-taste, not a regret in a million Camels! Just full and fragrant smoke contentment, just added zest in living.

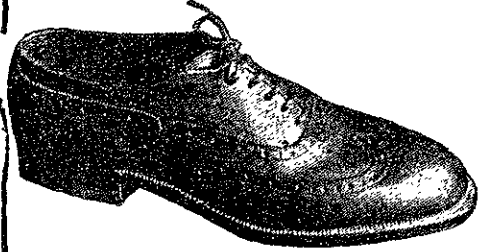
So when your own college's team tears through for its first smashing goal this Thanksgiving Day—when life seems fullest of the frenzy of happiness—joyfully apply the fire and taste the smoke that's loved by millions.

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Tuesday, Thursday and Saturday evenings.

SALEM will interest you. The Hawthorne will please you, and you will have one of the best dinners you have ever enjoyed.

Write or telephone Mr. H. A. Brooks whom you will remember as being at the Copley-Plaza, Boston.

The Hawthorne is under the direction of the American Hotels Corporation.

RATES ARE REASONABLE

DR. NORRIS LEAVES ON HIS TRIP WEST

Will Accept Invitations From Technology Graduates

Dr. Jams F. Norris, Professor of Organic Chemistry and President of the American Chemical Society left last Monday night for an extensive tour to the western and southern parts of the country on behalf of the society.

He will visit the various sections, which are seventy in number, as is the usual custom of the President.

The main object of this trip is, however, to discuss the general affairs of the society, and to raise an endowment fund for the support of its journals. Research is increasing throughout the country, and the American Chemical Society finds it difficult to publish everything without adequate funds.

Professor Norris will take the opportunity to discuss with various research chemists, the experiments already started here at the Institute. He will also accept a number of invitations to meet former students of Technology, stationed in different parts of the country. Dr. Norris states that he will have an opportunity to visit important sections in the south that he was unable to visit on his trip to the Pacific coast last year.

The general route of the trip will be through all the most important cities of Ohio, Michigan, Illinois and Indiana. He will then journey south through Georgia, Kentucky, and Virginia. The trip will take about a month in all.

HARRIERS SECOND TO BATES IN MEET

(Continued from Page 1)

reached the one mile mark. Cleveland and Calahan of New Hampshire tried to challenge the Tech man but as in the case of Peaslee in the Varsity run the best could not be held down.

At the two mile post there were four Engineers in the first of five places. Going up the last hill on the course however, the two New Hampshire men took the lead away from the Tech men, Payson, Worthen and Burgess. From then on the relative position of the leaders remained unchanged.

McClintock, never yet pressed in a cross country race, slowed up at the finish but still won by about two or three hundred yards. The upstate-runners Cleveland and Calahan followed him in and Newcomer of Rhode

Island just nosed out Payson from fourth place. Worthen, Burgess, Halahan and Walters came in in very close formation. Horwitz and Sullivan finished soon after these.

The result of the showing of both Tech teams put them among the favorites for next Monday's National Intercollegiate at New York. The freshman will have an especially good chance as they were more or less handicapped in running ten men at the New England games and should show to best form at New York where they will only run seven men.

NOTED BALLOONIST TO TALK AT SMOKER

Winner in Gordon Bennett Race to Address Aero Society

At the second smoker of the Aeronautical Engineering Society the speaker will be Mr. Ralph Upson, America's foremost balloon pilot. Mr. Upson has been a winner in the Gordon Bennett Balloon Races, the annual European classic, and in races in this country.

Recently Mr. Henry Ford offered financial support to Mr. Upson for experimentation and design of rigid airships with a covering of the metal duralumin instead of the customary fabric. The use of duralumin sheets solves an important problem in design as it has the strength to withstand the torsional and diagonal stresses thereby eliminating all wire in the structure. One difficulty that has finally been overcome was the sealing of the sheets. This has been accomplished by the use of wire sewing. Research work has been completed and it is with this type of airship that the Navy has been requested to replace the ill-fated Shenandoah. Production will be at the Ford Airport at Detroit.

According to F. T. Kurt, President of the Aero Society, the speaker is one of the country's foremost aeronautical engineers, and he is one of the most famous men in the aero world that the Society has had as a speaker.

The smoker will be on Thursday, November 19, in room 5-226, at 7:30 o'clock. Members of the Society may bring guests to the meeting, and at the meeting there will be sign-ups for the representatives for the Aviation Show in December which is to be held in Boston.

NOTICES

OFFICIAL

DYNAMO LABORATORY REPORTS

All reports on experiments performed in the dynamo laboratory previous to this term will be destroyed by Dec. 1 unless called for.

FRESHMAN WRESTLING

Commencing today, all freshmen who have signed up for Wrestling will report to the Hangar Gym instead of taking regular gymnasium classes. Report either from 4 to 5 or from 5 to 6 in the afternoon.

UNDERGRADUATE

Important meeting of freshman section leaders today at 5 in room 2-245.

AERO SMOKER

Mr. Ralph Upson will be the speaker at the Aero Society smoker tomorrow in room 5-226 at 7:30.

INSTITUTE COMMITTEE

There will be a meeting Thursday, November 19, at 5 in the Faculty Dining Room.

PISTOL CLUB

Members may use Tech Rifle Range for 22 caliber pistol practice Thursdays between 10 and 12.

TECH SHOW

There will be a Chorus Rehearsal on Thursday, November 19, from 5 to 6:30 in the East Lounge, Walker.

TECH SHOW ORCHESTRA

There will be a rehearsal of the Tech Show Orchestra in North Hall at 5 o'clock.

WELLESLEY COSMOPOLITAN CLUB

This club has extended an invitation to the foreign students of the Institute for an afternoon tea, at Tower Court, Saturday, November 21st., from three to five P. M. Any foreign students wishing to go there, leave their names in T. C. A. office, before Wednesday evening 5 P. M. Trains for Wellesley leave Trinity Place at 2.09 and 3.09 P. M.

DRAW FOR BANNER AT DORM SMOKER

Holder of Lucky Number Given Banner at Affair to be Held Friday

A large Technology banner, now on display in the dormitory office, will be given away to the holder of a lucky number at the annual Dormitory Smoker to be held Friday evening at eight o'clock in the recreation hall of the Carr Fastener Company. Numbers will be printed on the tickets of admission and the drawing will take place early in the evening.

Photographs of the entertainers at the affair are now on display in the dormitory office. Entertainment will consist of music and vaudeville, very little time being given over to speeches.

Jessie Alcova, formerly of the "Follies" and of George White's "Scandals" has prepared a special act which she will present at the smoker. The "Romona Five," a group specializing in cabaret dancing, has also been engaged while Lew Doane, an eccentric comedian, will furnish the comedy for the evening. Music will be furnished by a four piece orchestra.

Members of the Dormitory Board, consisting of Professor L. F. Hamilton '14, Dean H. P. Talbot '85, and Bursar H. S. Ford, have promised to be present at the smoker. O. B. Denison '11, secretary-treasurer of the Alumni Association will also attend.

According to the committee, special effort will be made to make the smoker a strictly dormitory affair. In the past, the attractiveness of the entertainment has led outsiders to attempt to gain admission but this year tickets will be taken at the door and those not holding tickets will not be admitted. Tickets will be distributed in the dormitory mail boxes Friday morning.

TECH SHOW CHORUS

Rehearsal at 5 today instead of 6:00. East Lounge, Walker.

VOO DOO

There will be an important meeting of all literary candidates Friday, November 20 at 5 p. m. Attendance essential.

WRESTLING MANAGERSHIP

Two Freshmen are needed in the managerial competition. Report any afternoon after four-thirty in the Hangar Gym or in the M. I. T. A. A. office.

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Harvard-Yale Football
Game

Friday Evening, Nov. 20

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